

PART No MATRIX

P 3 N 5 0 0 3 0 H
E J T E X X X X X X C 3 X

JUNIOR CONNECTORS

CONNECTOR TYPE :
 E - ANGLED, 2 WIRES, SINGLE ENDED

CABLE TYPE

HEAD COLOR
 N- BLACK, A-CSA-UL BLACK

CABLE LENGTH [cm]
 050 = 50cm
 300 = 300cm
 10K = 1000cm

INTERNAL CIRCUIT:
 SEE WIRING CONFIGURATION

VOLTAGE AND LED COLOUR

RED LED	GREEN LED	YELLOW LED
1 = 12V	A = 12V	G = 12V
2 = 24V	B = 24V	H = 24V
3 = 48V	C = 48V	K = 48V
4 = 115V	D = 115V	L = 115V
5 = 230V	E = 230V	M = 230V

CABLE LIST

CODE	CABLE TYPE	FEATURES	CABLE TYPE CROSS SECTION
N	PVC	APPLICATION GENERAL PURPOSE CABLE WHICH HAS GOOD RESISTANCE TO WATER, BUT USUALLY POOR OIL RESISTANCE	N2=0.5mm ² N3=0.75mm ² N4=1mm ²
I	CEI	APPROVED TO IEC 332-2A, FLAME RETARDANT AND SELF EXTINGUISHING LIMITED RESISTANT TO MINERAL OILS	I2=0.5mm ² I3=0.75mm ² I4=1mm ²
P	PUR	OFFER GOOD RESISTANCE TO OIL AND CHEMICALS. CAN SWELL WHEN CONSTANTLY IMMERSED IN WATER	P2=0.5mm ² P3=0.75mm ² P4=1mm ²
A	PVC CSA-UL	APPROVED TO CSA-UL 2661, APPLICATION GENERAL PURPOSE CABLE WHICH HAS GOOD RESISTANCE TO WATER, BUT USUALLY POOR OIL RESISTANCE	A2=20 AWG A3=18 AWG
B	PUR CSA-UL	APPROVED TO CSA-UL 20668, VERY GOOD RESISTANCE TO OIL AND CHEMICALS	B2=20 AWG B3=18 AWG

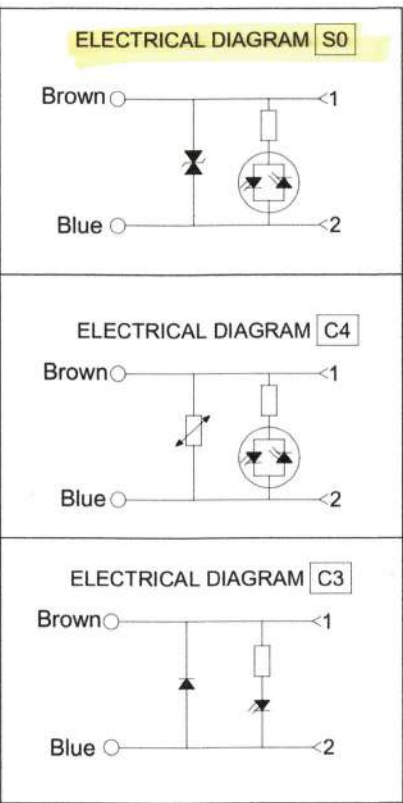
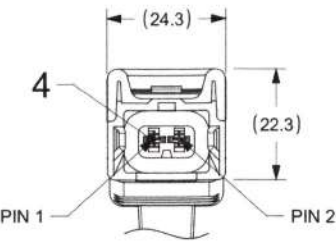
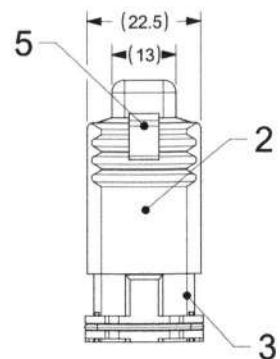
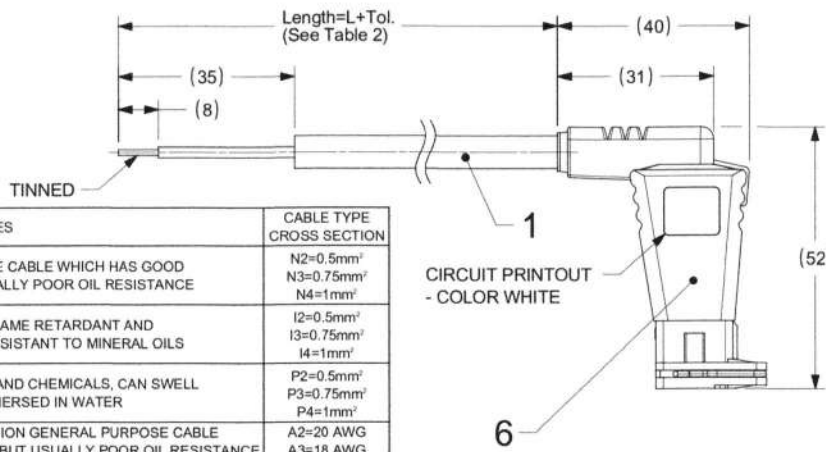


TABLE OF CIRCUIT CHARACTERISTICS

MOLEX P/N	ENG No.	CIRCUIT	RATED VOLTAGE	LED COLOR	VOLTAGE PEAK PROTECTION (Bidirectional)*		
					BREAKDOWN VOLTAGE (typ.) @ 25°C	MAXIMUM CLAMPING VOLTAGE	MAXIMUM PEAK PULSE CURRENT @ 25°C
1210560085	EJTEP3N500S0H	S0	24V AC/DC	YELLOW	75V	100V	4A
1210560222	EJTEP3N300S0H						

* PROTECTION FROM VOLTAGE TRANSIENTS ACCORDING 10/1000µs WAVEFORM TEST (T_a = 25°C)
 PARAMETERS ONLY VALID FOR LISTED PART NUMBERS(P/N)
 OTHER P/Ns WITH SAME CIRCUIT AND VOLTAGE RATING COULD HAVE A DIFFERENT CHARACTERISTIC

TABLE OF LENGTH TOLERANCES [mm]

Over	Up to and Including	Tolerance
0	1000	±20
1000	3000	±30
3000	5000	±40
5000	10000	±50
10000	15000	±100
15000	20000	±150
20000		±L/100

BILL OF MATERIALS

ITEM	QTY.	DESCRIPTION	MATERIAL	FINISH/COLOR
6	-	ELECTRONIC COMPONENTS		
5	1	LENS	-	TRANSPARENT
4	2	CONTACT	PH. BRONZE	
3	1	HOUSING JUNIOR	PA6.6 GVF 30	BLACK
2	-	MOULDING MATERIAL	PP	BLACK
1	-	CABLE	SEE TABLE 1	SEE TABLE 1

PART LIST

MOLEX P/N	Eng No.	L(mm)
1210560044	EJTEP3N150C4H	1500
1210560050	EJTEP3N300C4H	3000
1210560051	EJTEP3N500C4H	5000
1210560052	EJTEB3N150C3H	1500
1210560096	EJTEB3N150C42	1500

SYMBOLS: THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIMENSION UNITS: mm SCALE: 1:1 CURRENT REV DESC.

GENERAL TOLERANCES (UNLESS SPECIFIED):
 ANGULAR TOL ± 10°
 4 PLACES ±
 3 PLACES ±
 2 PLACES ± 0.05
 1 PLACE ± 0.3
 0 PLACES ± 0.5

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

THIRD ANGLE PROJECTION

EC NO: 630391
 DRWN: SSM 2019/06/12
 CHKD: RSILLER 2020/01/13
 APPR: RSILLER 2020/01/13

INITIAL REVISION:
 DRWN: JMARSZALEK 2014/01/27
 APPR: MIWASIECZKO 2014/01/30

DOCUMENT NUMBER: SD-121056-003
 DOC TYPE: PSD
 DOC PART: 001
 REVISION: A1

JUNIOR TIMER CONNECTORS
 EJTEXXXXXXXXXX

PRODUCT CUSTOMER DRAWING

MATERIAL NUMBER: SEE PART LIST
 CUSTOMER: GENERAL MARKET
 SHEET NUMBER: 1 OF 1